

DERWENT-ACC-NO: 2000-129082

DERWENT-WEEK: 200021

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TITLE: Water-based surface treatment agent for e.g.
domestic electric appliances - comprises water base
resin containing colloidal silica and ammonium
vanadate

PATENT-ASSIGNEE: NIPPON PAINT CO LTD[NIPA] , NIPPON STEEL
CORP [YAWA]

PRIORITY-DATA: 1998JP-0119812 (April 30, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
<u>JP 11310757 A</u>	November 9, 1999	N/A
008 C09D 201/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 11310757A	N/A	1998JP-0119812
April 30, 1998		

INT-CL (IPC): B05D007/14, C09D005/08 , C09D201/00 , C23C022/00

ABSTRACTED-PUB-NO: JP 11310757A

BASIC-ABSTRACT:

NOVELTY - The surface treatment agent contains water-base resin. 50-
97.9 weight percent (wt. %) of the resin contains 2- 49.1 wt. % of
colloidal silica and 0.1-10 wt. % of ammonium vanadate by solid content conversion.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
surface treated steel plate which involves forming a skin layer on the steel
sheet using the surface treatment agent.

018 ; ND01 ; K9552 K9483 ; K9676*R ; Q9999 Q7114*R ; Q9999
Q7330*R
; Q9999 Q6791 ; Q9999 Q7681*R ; Q9999 Q6826*R ; Q9999 Q6995*R ;
K9712 K9676 ; Q9999 Q9234 Q9212 ; B9999 B4591 B4568 ; Q9999 Q7136
Q7114 ; B9999 B4706*R B4568

Polymer Index [1.5]

018 ; A999 A157*R

Polymer Index [2.1]

018 ; R00859 G1809 G1649 D01 D23 D22 D31 D45 D50 D76 D83 F19 F10
F07 ; A999 A157*R ; A999 A782 ; P0259*R P0226 D01 ; H0011*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-039789

Non-CPI Secondary Accession Numbers: N2000-097311